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Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **ZG178US**  
First Inventor **Kia Silverbrook**  
Title **Supporting Structure for a Pagewidth Printhead**  
Express Mail Label No. \_\_\_\_\_

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **6**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **2**]
5. Oath or Declaration [Total Pages **3**]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: **10 / 129,434**

Prior application information:

Examiner **Julian D Huffman**

Group / Art Unit: **2853**

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.


## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

**24011**  
(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name	<b>KIA SILVERBROOK</b>				
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Name (Print/Type)	<b>KIA SILVERBROOK</b>	Registration No. (Attorney/Agent)	
Signature		Date	<b>Octob r 24, 2003</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

22389 U.S. PTO  
10/713076



111703

111703

16698 U.S. PTO

PTO/SB/17 (01-03)

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 810.00

**Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Examiner Name	
Art Unit	
Attorney Docket No.	ZG178US

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit  
Account  
Number  
Deposit  
Account  
Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	770
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 770.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims 11	-20** =	X	= 0
Independent Claims 1	-3** =	X	= 0
Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051 130		2051 65		Surcharge - late filing fee or oath	
1052 50		2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130		1053 130		Non-English specification	
1812 2,520		1812 2,520		For filing a request for <i>ex parte</i> reexamination	
1804 920*		1804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*		1805 1,840*		Requesting publication of SIR after Examiner action	
1251 110		2251 55		Extension for reply within first month	
1252 410		2252 205		Extension for reply within second month	
1253 930		2253 465		Extension for reply within third month	
1254 1,450		2254 725		Extension for reply within fourth month	
1255 1,970		2255 985		Extension for reply within fifth month	
1401 320		2401 160		Notice of Appeal	
1402 320		2402 160		Filing a brief in support of an appeal	
1403 280		2403 140		Request for oral hearing	
1451 1,510		1451 1,510		Petition to institute a public use proceeding	
1452 110		2452 55		Petition to revive - unavoidable	
1453 1,300		2453 650		Petition to revive - unintentional	
1501 1,300		2501 650		Utility issue fee (or reissue)	
1502 470		2502 235		Design issue fee	
1503 630		2503 315		Plant issue fee	
1460 130		1460 130		Petitions to the Commissioner	
1807 50		1807 50		Processing fee under 37 CFR 1.17(q)	
1806 180		1806 180		Submission of Information Disclosure Stmt	
8021 40		8021 40		Recording each patent assignment per property (times number of properties)	40.00
1809 750		2809 375		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750		2810 375		For each additional invention to be examined (37 CFR 1.129(b))	
1801 750		2801 375		Request for Continued Examination (RCE)	
1802 900		1802 900		Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 40.00

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type) Kia Silverbrook

Registration No.  
(Attorney/Agent)

Telephone +61298186633

Signature

Date

October 24, 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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ACN 066 573 671

November 13, 2003

Commissioner of Patents and Trademarks  
Washington DC 20231  
USA

**COPY**

Dear Sir

**23 New United States Patent Applications**  
**Assignee: Silverbrook Research Pty Ltd**

This letter accompanies 23 new patent applications.

**One bank draft** for the total amount of US\$18,870 is enclosed to cover filing and assignment fees for each of the 23 applications. Also attached is a list giving details of each application.

We look forward to receiving filing receipts in due course.

If you need to contact us in relation to the applications, please email my assistant, Leonie News at [leonie.news@silverbrookresearch.com](mailto:leonie.news@silverbrookresearch.com) or by fax to +61 2 9555 7762.

Yours faithfully

Kia Silverbrook  
Silverbrook Research Pty Ltd  
[kia.Silverbrook@silverbrookresearch.com](mailto:kia.Silverbrook@silverbrookresearch.com)

	DOCKET NO	TITLE	INVENTORS	AMOUNT US\$
1	BAL68	An Apparatus for Feeding Sheets of Media from a Stack	David William Jensen	\$810.00
2	BAL69	A Method of Feeding Sheets of Media from a Stack	David William Jensen	\$810.00
3	ZG003	An Inkjet Pagewidth Printer for High Volume Pagewidth Printing	Kia Silverbrook	\$810.00
4	ZG193	Thermoelastic Inkjet Actuator with Heat Conductive Pathways	Kia Silverbrook	\$810.00
5	ZF135	Printer and Printhead with Active Debris Prevention	Kia Silverbrook	\$810.00
6	ZG146	Manually Aligned Printhead Modules	Kia Silverbrook	\$810.00
7	ZG147	Manually Aligned Printhead Modules	Kia Silverbrook	\$810.00
8	ZG162	Print Engine/Controller with Half-Toner/Compositor	Simon Walmsley & Paul Lapstun	\$850.00
9	ZG163	Print Enginer/Controller with Printhead Interface	Simon Walmsley & Paul Lapstun	\$850.00
10	ZG164	Print Enginer with Pipeline Decoding	Simon Walmsley & Paul Lapstun	\$850.00
11	ZG165	Print Engine/Controller Chip with CPU	Simon Walmsley & Paul Lapstun	\$850.00
12	ZG166	Printer with Synchronized Engine/Controller	Simon Walmsley & Paul Lapstun	\$850.00
13	ZG167	Inkdrop Printer with Multi-Segment Printhead	Simon Walmsley & Paul Lapstun	\$850.00
14	ZG015	A Fluid Ejection Device that Incorporates Covering Formations for Actuators of the Fluid Election Device	Kia Silverbrook	\$810.00
15	ZF199	A Micro-Electromechanical Device Having a Laminated Thermal Bend Actuator	Kia Silverbrook	\$810.00
16	ZF196	A Micro-Electromechanical Liquid Ejection Device	Kia Silverbrook	\$810.00
17	ZG148	A Pagewidth Printhead Assembly	Kia Silverbrook	\$810.00
18	ZG149	Printhead Assembly with Core and Shell	Kia Silverbrook	\$810.00
19	ZG175	Core for Pagewidth Printhead	Kia Silverbrook	\$810.00
20	ZG178	Supporting Structure for a Pagewidth Printhead	Kia Silverbrook	\$810.00
21	ZG177	Supporting Structure with Alternating Segments	Kia Silverbrook	\$810.00
22	ZG017	A Method of Fabricating an Ink	Kia Silverbrook	\$810.00
23	ZG004	A Print Engine Controller for High Volume Pagewidth Printing	Kia Silverbrook	\$810.00
24				
25				\$18,870.00